

Title (en)
SYNTHETIC FIBER CAPABLE OF ABSORBING AND DESORBING MOISTURE, ENTANGLED YARN BLEND USING THE SAME, KNITTED AND WOVEN GOODS USING THE SAME, AND NONWOVEN FABRIC USING THE SAME

Title (de)
FEUCHTIGKEIT ABSORBIERENDE UND ABGEBENDE SYNTHETISCHE FASER UND DARAUS HERGESTELLTES VERFLOCHTENES FADENGEMISCH, STRICKWAREN, GEWEBE UND VLIESSTOFFE

Title (fr)
FIBRE SYNTHETIQUE CAPABLE D'ABSORBER ET DE DESORBER L'HUMIDITE, MELANGE DE FILS ENTREMELES UTILISANT CETTE FIBRE, ARTICLES TRICOTES ET TISSES UTILISANT CETTE FIBRE ET NON-TISSE UTILISANT CETTE FIBRE

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Application
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- JP 7527698 A 19980324
- JP 9121298 A 19980403

Abstract (en)
[origin: EP1087043A1] A synthetic fiber capable of absorbing and disabsorbing moisture comprising a component capable of absorbing and disabsorbing moisture and a fiber-forming polymer. The fiber of the present invention has a moisture absorption of 1.5% or more when it is allowed to reach a moisture equilibrium under the circumstance of 25 DEG C x 60%RH and then is allowed to stand for 30 min. under the circumstance of 34 DEG C x 90 %RH, and has a moisture disabsorption of 2% or more when it is allowed to reach a moisture equilibrium under the circumstance of 34 DEG C x 90%RH and then is allowed to stand for 30 min. under the circumstance of 25 DEG C x 60%RH. The fiber also has a value of -1 to 5 in terms of b value in the CIE-LAB color system when it is allowed to stand for 30 days.

IPC 1-7
D01F 6/00; **D01F 6/90**; **D01F 8/04**; **D02G 3/04**; **D04H 1/42**; **D04H 1/54**; **D03D 15/00**

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CPC (source: EP KR US)
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Citation (search report)
[A] US 3860671 A 19750114 - KOWALLIK JOACHIM, et al

Cited by
CN103741329A; CN104073913A; CN103741332A; US6403216B1

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